

N/C  
**PCT**

WORLD INTELLECTUAL PROPERTY ORGANIZATION  
International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification</b> <sup>7</sup> : <b>A61K 31/70</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 00/50043</b> <b>(43) International Publication Date:</b> 31 August 2000 (31.08.00)
<b>(21) International Application Number:</b> PCT/US00/04663 <b>(22) International Filing Date:</b> 23 February 2000 (23.02.00) <b>(30) Priority Data:</b> 60/121,588 23 February 1999 (23.02.99) US <b>(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application</b> US 60/121,588 (CON) Filed on 23 February 1999 (23.02.99) <b>(71) Applicant (for all designated States except US):</b> THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 5th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US). <b>(72) Inventor; and</b> <b>(75) Inventor/Applicant (for US only):</b> NAVIAUX, Robert, K. [US/US]; 11760 Calamar Drive, San Diego, CA (US). <b>(74) Agent:</b> HAILE, Lisa, A.; Gary Cary Ware & Friedenrich, LLP, Suite 1600, 4365 Executive Drive, San Diego, CA 92121-2189 (US).	<b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i>	
<b>(54) Title:</b> METHODS OF TREATMENT OF MITOCHONDRIAL DISORDERS		
<b>(57) Abstract</b> <p>In accordance with the present invention, there are provided methods for the treatment of mitochondrial disorders. Invention methods include the administration of a pyrimidine-based nucleoside such as triacetyluridine, or the like. Also provided are methods of reducing or eliminating symptoms associated with mitochondrial disorders. Mitochondrial disorders particularly appropriate for treatment include those attributable to a deficiency of one or more pyrimidines.</p>		